



MURANG'A UNIVERSITY COLLEGE
(A constituent College of Jomo Kenyatta University of Agriculture and Technology)
UNIVERSITY EXAMINATIONS 2014/2015
YEAR TWO EXAMINATION FOR THE DIPLOMA IN INFORMATION
TECHNOLOGY
SCI 1203: MANAGEMENT INFORMATION SYSTEM

COURSE: DIT

DAY/TIME:TUESDAY 8:30-10:30AM

TIME: 2HRS

DATE:28TH APRIL 2015

INSTRUCTIONS: Answer question one and any other two questions

QUESTION 1.

- a. Define the following terms (5 marks)
- i. Information system
 - ii. Decision support system
 - iii. Information
 - iv. Organization
 - v. environment
- b. Using your institution as an example, describe all levels of an organization and briefly mention the department within (10 Marks)
- c. The directors of wells materials are planning to hire managers, list four roles of managers in an organization (4 marks)
- d. Explain with a aid of a diagram the process of decision making (4 marks)
- e. List two types of processing for a Transaction Processing System (2 Marks)
- f. Outline five challenges of developing a management information system (5 marks)

QUESTION 2.

- a. Explain briefly the following types of information systems (6 marks)
 - i. Transaction processing system
 - ii. Decision support system
 - iii. Executive support system
- b. Discuss two approaches to information system (4 Marks)
- c. A well known telecommunications company wants to invest in information systems. Explain how it would benefit from such (7 marks)
- d. Differentiate between structured and unstructured decisions (3 Marks)

QUESTION 3.

- a. Distinguish between data and information, citing relevant examples (4 marks)
- b. Discuss ten roles of a manager according to Mintzberg (10 Marks)
- c. Explain the strategy that an organization can implement to gain competitive edge (6 Marks)

QUESTION 4.

- a. Discuss the stages of the information system development (10 Marks)
- b. List any four features that all organization have in common (4 marks)
- c. Outline six characteristics of a decision support system(DSS) (6 marks)